DHR70N Polar

The DHR70N Polar is specifically designed for operating in Arctic conditions. An innovative heating control system keeps the navigation light free of ice and snow. Even in standby mode, when light is not required for a particular moment of time. This MED and RMRS approved light is tested to withstand temperatures down to minus 62°C and certified down to minus 52°C. The Polar is based on the original DHR70N design, including the same standard base mounting. A flashing light is available for general signalling purposes or as a mandatory stopping light for Arctic vessels.

MATERIALS

-Housing, matt black polycarbonate reinforced with fibre glass
-Fresnel lens, shock resistant polycarbonate
-Screen, seawater resistant aluminium - hard anodized
-Mounting materials, stainless steel 316L, seawater resistant, non-magnetic
-Gaskets, silicone rubber

APPLICATION

Seagoing vessels over 20 meters in length

SPECIFICATIONS

Power Supply:	230VAC 50/60Hz
Bulb:	P28s, max. 65W
Visibility:	3 NM - 6 NM
Operation Temperature:	-52 to +55 ˚C
Protection Class:	IP56
Approvals:	MED / RMRS

QUALITY STANDARDS

- Heating element prevents ice accretion
- Extreme operating temperatures
- Built-in thermostat
- Waterproof IP56
- Designed for polar regions

DHR SINCE 1922

Advanced Maritime Signalling Solutions

AVAILABLE MODELS

Sector lights	Min. Visibility	Lens Colour	Art. Code
Starboard	3 NM	Green	71.11.00.00
Port	3 NM	Red	71.12.00.00
Masthead	6 NM	White	71.13.00.00
Stern	3 NM	White	71.14.00.00
Towing	3 NM	Yellow	71.15.00.00

All-round lights	Min. Visibility	Lens Colour	Art. Code
White	3 NM	White	71.16.00.00
Manoeuvring	5 NM	White	71.16.10.00
Red	3 NM	Red	71.17.00.00
Green	3 NM	Green	71.18.00.00
Yellow	3 NM	Yellow	71.19.00.00

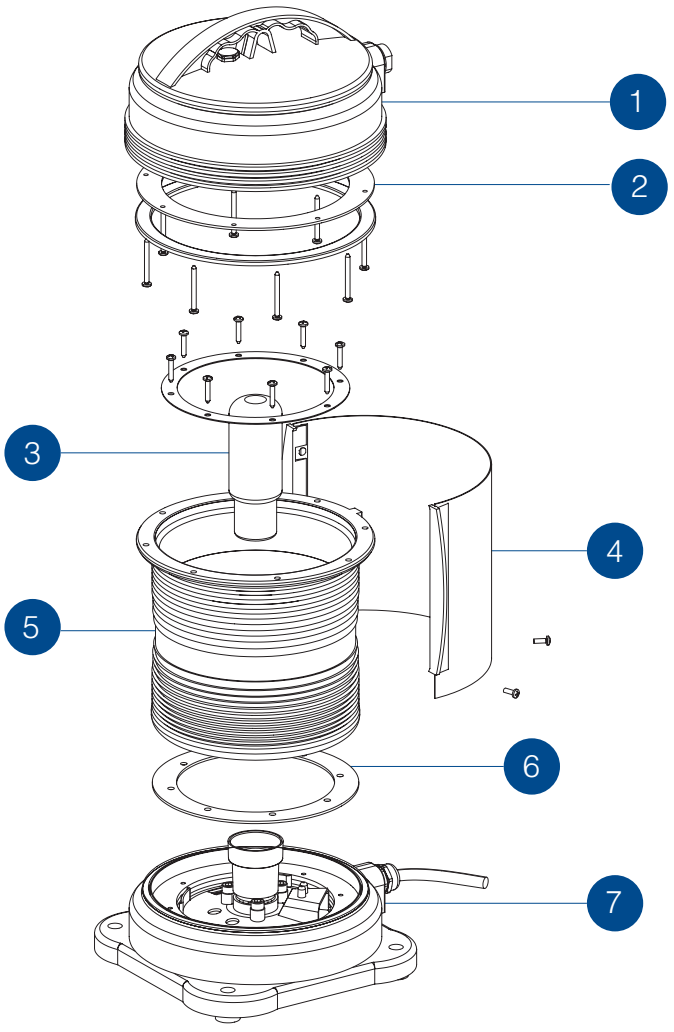
Special sector lights	Min. Visibility	Lens Colour	Art. Code
Stern - Red (Suez light)	3 NM	Red	71.14.17.00

All-round lights, screened	Min. Visibility	Lens Colour	Art. Code
White	3 NM	White	71.16.01.80
Red	3 NM	Red	71.17.01.80
Green	3 NM	Green	71.18.01.80
Yellow	3 NM	Yellow	71.19.01.80

Flashing lights (120 flashes per minute)	Min. Visibility	Lens Colour	Art. Code
Stern - Red (Stopping light)	3 NM	Red	71.14.17.90
All-round Red	3 NM	Red	71.17.90.00
All-round Green	3 NM	Green	71.18.90.00

SPARE PARTS

Item	Part	Partnumber
1	Top part with membrane vent and heatsink	71.99.80.00
2	Gasket Large	71.99.00.55
3	Bulb P28s 230V Max. 65W	70.99.03.10
4	Screen starboard	71.99.02.10
	Screen port	71.99.02.15
	Screen masthead	71.99.02.20
	Screen stern / towing	71.99.02.30
	Screen 180°	71.99.02.80
5	Lens with heater	
	- red	71.99.70.01
	- green	71.99.70.02
	- crystal clear	71.99.70.03
	- smoky	71.99.70.04
	- yellow	71.99.70.05
6	Gasket small	71.99.00.60
7	Base part with cable, lamp holder and thermostat	71.99.30.00



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